ABSTRACT OF THE DISCLOSURE

An anthropomorphic phantom used as a training tool by healthcare workers for learning ultrasonic imaging procedures. The phantom is made of a moldable, elastomeric tissue-simulating chemical composition that may be easily processed to create an anthropomorphic phantom: that has the "look and feel" and self-sealing characteristics of human tissue. During the mixing processes, scattering agents and pigments may be added to provide a phantom that simulates the sonographic characteristics on living tissue. The phantom body may contain objects and empty or liquid filled cavities and conduits that simulate normal internal structures and abnormal artifacts and conditions. In one embodiment, hollow rods are disposed longitudinally inside the primary mold that forms blood vessels inside the phantom. When the phantom is removed from the primary mold, the hollow rods are removed thereby forming a hollow conduit. Two plugs may be inserted into the ends of the conduit to hold a blood simulating liquid placed inside the conduit.

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